(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 11 January 2001 (11.01.2001)

PCT

(10) International Publication Number WO 01/01972 A2

(51) International Patent Classification7: A61K 31/00

(21) International Application Number: PCT/US00/16297

(22) International Filing Date: 27 June 2000 (27.06.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/142,485 60/151,165 6 July 1999 (06.07.1999) US 27 August 1999 (27.08.1999) US

(71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BLEAKMAN, David [GB/US]; 720 Eagle Creek Court, Zionsville, IN 46077 (US). CHAPPELL, Amy, Suzon [US/US]; 9040 Woodacre Boulevard, South Drive, Indianapolis, IN 46234 (US). FILLA, Sandra, Ann [US/US]; 1680 Williamsburg Lane, Franklin, IN 46131 (US). JOHNSON, Kirk, Willis [US/US]; 1177 Helford Lane, Carmel, IN 46032 (US). ORNSTEIN, Paul, Leslie [US/US]; 10441 Bosahan Court, Carmel, IN 46032 (US).

- (74) Agents: WILSON, Alexander et al.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

 Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Thereby certify that this paper or fee is being apposited with the united States Pastal San ce "Express Mail Post Office to Addressee" service under 37 C.F.R. 110 on the date indicated above and is addressed to the Commissioner for Partial, P.O. Box 1450, Alexandria, VA. 22313-1450

(Typed of Printed name of person mailing paper)

(Signature of person mailing paper or fee)

(54) Title: SELECTIVE iGluR5 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF MIGRAINE

(57) Abstract: The present invention provides a method of treating or preventing migraine comprising administering to a patient in need thereof an effective amount of a selective iGluR₅ receptor antagonist. The present invention further provides novel compounds functional as selective iGluR₅ receptor antagonists as well as compositions and formulations comprising said selective iGluR₅ receptor antagonists.

VO 01/01972 A